	Sediment Name	Managemer River side	nt Area e River miles	Approximate Area (acres)	COIs	Nate Lateral Extent	ure and Exte		re Contaminatio	n Justification		_	urce Areas and Ground-water		nways Justification	Evaluation MNR	of Remedial A Treatability Studies	Action Alternat Recontami- nation	ives Justification
											(Gunderson			ves (currently					
					[particularly	(behind Texaco dock &	Texaco	on TZW	concentrations should be able to be estimated by TZW & sed	L & V Extent- limited samples behind docks, no sub data off James	Gunderson property, i.e., potential	(stormwater source control action will	under	under investigation) (bank source control action	Potential sources	;			
	Gunderson / Shell	W	8.1 - 9.4	151.96	dioxins?, Mn) yes (dioxins?,	dock off	south end	results off	thru equilibrium partitioning)	discharge from	contributing to	required in	under source	required in	OF18 not yet fully		unknown	yes	depositional area
					no, sediment samples were	(pending more thorough	(pending more thorough	be filled by	concentrations should be able to be estimated		yes (potential					5			
			9.45 - 9.7		full PH suite	sediment	sediment	partitioning	thru equilibrium partitioning)		contributing to		no	no	OF not yet fully				
					(sediment samples were	(pending more thorough	(pending more thorough	be filled by	concentrations should be able to be estimated by TZW & sed										
	Goldendale / UPRR	E	9.9 -10.1		full PH suite	sediment	sediment	partitioning	thru equilibrium		no / no	(Goldendale)	no / no	unknown					
Second	Outfall 47	E	9.5 -10.0	33.80	*(1)	*(1)	*(1)	*(1)	*(1)		sources contributing to		no	no	contributing to OF not yet fully				
					(dioxins?, otherwise, no ,	(lateral N&E fairly well	N&E faily	1			no (upland	stormwater will be investigated)	yes (Shipyard GW currently under	bank soil					
The content of the			7.5.00		samples were analyzed for full PH suite	may need supplment al sediment	defined, may need supplement al sediment	be filled by equilibrium partitioning	needed at mouth of SI Lagoon to understand COI	data for hot spot identification & to supplement	Shipyard) / yes (upland sources to SI Lagoon other	(stormwater sources to SI Lagoon other than	yes (upland GW sources to SI Lagoon other than	under investigation) yes (bank soil other than	expect significant loading to SI Lagoon via				
March Marc	Shipyard / Lagoon	E	7.5 - 9.0	168.52	of COI)	yes (lateral N&E fairly well	yes (vertica		no (surface wtr	definition of N&E	than Shipyard	Shipyard)	Shipyard)	Shipyard)	stormwater	yes	unknown	yes	depositional area
March Marc						may need supplment al	defined, may need supplement	on TZW	to be estimated by TZW & sed concentrations										
	Willbridge	W	7.4 - 7.9		yes (dioxins?, otherwise,	data) yes (lateral N&E fairly	data) yes (vertica	results)	partitioning) no (surface wtr		no								
Company					sediment samples were analyzed for	defined, may need supplment al	well defined, may need supplement	be filled by equilibrium	should be able to be estimated by TZW & sed concentrations										
	Willamette Cove	E	6.3 - 6.8			data) yes (lateral N&E fairly	data) yes (vertica	calculations)		extent towards the	no	investigation)			upland RI not				
A						well defined, may need	N&E fairly well defined, may need	yes (could be filled by equilibrium		channel, vertical extent towards channel and Cathedral Park	yes (S Parcel) yes (upland	off-site stormwater sources & potential S		to be evaluated in	South parcel, Stormwater- loading, Bank-sand blast				
1	Marcom	E	5.5 - 5.8	8.25	yes (Mn)		sediment	partitioning	yes	understand source		Parcel		both N & S	grit present in bank GW & Bank	yes	unknown	yes	MNR on fringes
Part					was	(largely	yes (largely	be filled by	concentrations should be able to be estimated by TZW & sed	COIs- previous	no (Schnitzer)	(stormwater	was (CW)	vee (ourrently	dependent upon the completion of RI, Stormwater - potential	:			
Company Comp	Schnitzer Burgard	E	3.7 - 4.2		(dioxins?,	on 2B cores) yes (lateral	on 2B cores)	partitioning calculations)	thru equilibrium partitioning)	possibly connected	stormwater	under	currently under	under	migration	yes	unknown	yes	MNR on fringes
Company Comp						well defined, may need	N&E fairly well defined,	yes (could	concentrations should be able to be estimated		no (OSM)	under investigation	under investigation at	under investigation					
Company Comp		E W		22.72 7.08	yes (Mn) *(2)	al sediment data)	supplmenta sediment data)	partitioning calculations)	thru equilibrium partitioning)		other than OSM)	other than OSM)	other than OSM)	other than OSM)					
Company Comp					n o	(lateral N&E fairly		1	,						neds to obtain & review the XPA to determine if				
Company Comp					(sediment samples were analyzed for	defined, may need supplment al	well defined, may need supplmenta	be filled by equilibrium	should be able to be estimated by TZW & sed concentrations						exist Crawford St- Beach sand removal not totally effective,				
	Crawford/ BES	E	5.9 - 6.2			data) yes (lateral	data)	calculations)	partitioning)		yes	yes	yes	yes		-			
Company Comp					(sediment samples were	well defined, may need supplment	N&E fairly well defined, may need	yes (could be filled by	concentrations should be able to be estimated by TZW & sed		Finance	ves (currently							
Company of the comp	St. Johns West	W	5.65 - 5.9		full PH suite	sediment data) yes (lateral	sediment	partitioning	thru equilibrium partitioning)		yes (overwate	runder	no	no					
1					(sediment samples were	well defined, may need supplment	(subsurface metals &	be filled by	concentrations should be able to be estimated by TZW & sed		yes (potential				Potential sources				
Company Comp	Outfall 48	E	7.1 - 7.2	2.32	full PH suite of COI) yes	sediment data) yes	further	partitioning	thru equilibrium	data available near	contributing to		no	n+N11o	OF not yet fully	yes	unknown	yes	
Section Sect					no , sediment samples	well defined, may need	(subsurface	yes (could be filled by	concentrations should be able to be estimated										
March Marc	Sultzer	W	10.2 - 10.4		analyzed for full PH suite	al sediment data) yes	PAH need further	equilibrium partitioning	concentrations thru equilibrium		no	under	under	unknown					
### Color Appetual Color						N&E fairly well defined, may need	(subsurface												
Martin M	RPAC / Arkema	W	6.3 - 7.5	54.49		al sediment data)	PAH need further	on TZW sample	yes (currently under		no	under	under	under					
September Application Ap						(lateral N&E fairly well defined,	yes	,											
North Nort	Northwest Natural (Gasco)	W	6.05 - 6.6	23.10	no	supplment al sediment data)	metals & PAH need further	yes (waiting on TZW sample	yes (currently under		no	under	under	under					
Section Part						(lateral N&E fairly well defined,),,,,,	concentrations should be able										
Se cultai	Time / Premier Edible Oil	E	3.45 - 3.7	6.85	no	supplment al sediment	metals & PAH need further	be filled by equilibrium partitioning	by TZW & sed concentrations thru equilibrium		under investigation)	under	under	under					
Siltronic d Information VOCs V	S-5 outfall	E									yes (potential sources contributing to			no					
Na Starthy well well well well well well well wel	Siltronic chlorinated VOCs	W	6.4 - 6.45	0.68	no	yes	no	no	under		yes	under	under	Siltronic's HVOC					
Triangle Park E 7,3-7.5 12.27 no data) PATH need deciment further portioning partitioning parti						N&E fairly well defined, may need	(subsurface		concentrations should be able to be estimated										
Downstream PAHs W 3.1 - 6.9 292.28 g?) yes yes yes calculations partitioning	Triangle Park	E	7.3 - 7.5	12.27	no	al sediment	PAH need further	equilibrium partitioning	concentrations thru equilibrium partitioning)		no	no	under	no					
Site-Wide PCB and DDT Source Date of the Downstream Box Site-Wide PCB and DDT Source Date of the Downstream Box Site-Wide PCB and DDT Site-Wide PCB and DDT Source Date of the Downstream Box Site-Wide PCB and DDT Source Date of the Downstream PAHs Source Date of the Downstream PAHs Source Date of the Page of								be filled by	concentrations should be able to be estimated by TZW & sed	identify hot spots and local sources of PAHs, define extent	+								
Contential fingerprinting geded to distinguish certain harden COIs from CO	Downstream PAHs	W	3.1 - 6.9	292.28	fingerprintin g?)	yes	yes	equilibrium partitioning	concentrations thru equilibrium	into the Willamette River channel and	not		not applicable			yes	unknown	yes	
Arkema Cols from DDT W 3.1 - 6.3 90.49 RPAC COIs) yes yes calculations thru equilibrium partitioning partitioning should be able to be estimated by FIGURE 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0					(potential fingerprintin g needed to distinguish				concentrations should be able to be estimated										
Site-Wide PCB and DDT Site-Wide PCB and DDT Both 2.0 - 11.0 2080.00 PBDE, Mn Should be able to be estimated be filled by equilibrium partitioning partitioning partitioning) partitioning partitioning partitioning	Downstream DDT	W	3.1 - 6.3		Arkema COIs from	yes	yes	equilibrium partitioning	concentrations thru equilibrium partitioning)				not applicable						
Site-Wide PCB and DDT Site-Wide PCB and DDT Both 2.0 - 11.0 2080.00 PBDE, Mn yes (dioxin?, yes (dioxin?), yes y									concentrations should be able to be estimated						complete upland				
Data gaps technical as yes, tip, unknown or not applicable	Site-Wide PCB and DDT		•	2080.00	PBDE, Mn)	yes	yes	equilibrium partitioning	concentrations thru equilibrium	(including Multnomah channel		yes	yes	yes	source ID and link to inwater		unknown	yes	

Footnotes